

**NOVEL GLUTAMATE RECEPTOR MODULATORY PROTEINS AND  
NUCLEIC ACID MOLECULES AND USES THEREFOR**

**5    Abstract of the Disclosure**

Novel mGluR5M polypeptides, proteins, and nucleic acid molecules are disclosed. In addition to isolated, full-length mGluR5M proteins, the invention further provides isolated mGluR5M fusion proteins, antigenic peptides and anti-mGluR5M antibodies. The invention also provides mGluR5M nucleic acid molecules, recombinant  
 10    expression vectors containing a nucleic acid molecule of the invention, host cells into which the expression vectors have been introduced and non-human transgenic animals in which a mGluR5M gene has been introduced or disrupted. Diagnostic, screening and therapeutic methods utilizing compositions of the invention are also provided.

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